

Anti-Seize Assembly Spray



reliable protection against corrosion, seizing and cold welding

WEICON Anti-Seize is used as a protecting, separating and lubricating agent for highly stressed parts. Ideally compatible solid contents and selected additives enable a wide range of usage.

Anti-Seize protects against corrosion, seizure and wear, stick-slip phenomena, oxidation, fretting corrosion and electrolytic reactions (?cold welding?).

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Technical data

Basic oil	Synthetic oil mixture
Colour	anthracite
OFW device coefficient of friction	0,13
coefficient of friction total	0,14 µ
coefficient of friction thread	0,13 µ
coefficient of friction on upside down	0,15 µ
VKA-Test (DIN 51350) goods load	4200 N
VKA-Test (DIN 51350) welding load	4400 N
VKA-Test (DIN 51350) Spherical cap value (1 Min / 10°	0,5 mm
Worked penetration (DIN ISO 2137)	310 bis 340 1/10 mm
Sulphur content (DIN 51400)	< 0,1 %
Water resistance (DIN 51807)	0 - 90
Temperature resistance	-180 to +1200 °C
Pressure load	230 N/mm ²
Density at +20 °C (DIN 51757)	1,16 g/cm ³
Salt spray test (DIN 50017)*	> 170 h
Thermal conductivity	0,3 W/m·K
Dielectric strength	0,47 kV/mm
Specific resistance	1,2 x 10 ¹⁵ Ohm/cm

Pretreatment of the surface

Depending on the degree of soiling, clean and degrease surfaces with WEICON Cleaner S first. Used threads should be cleaned with a wire brush and WEICON Cleaner S. To ensure perfect spraying the product should have room temperature.

Processing

Shake can before use and apply the material evenly from a distance of approx. 15 cm. On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

Storage

Keep in closed original container. Do not store together with oxidizing agents. Keep container tightly closed. Store in a dry place. Recommended storage temperature: room temperature.

Note

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

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